

Converting Colors

HunterLab(55.2044, 85.9066,
23.6934)

Have a look what the booklet for
HunterLab(55.2044, 85.9066,
23.6934) contains.

HunterLab(49.2962, 74.6824, 18.3737)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(49.2962, 74.6824,
18.3737)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3160
RGB	255, 49, 96
RGB Percent	100%, 19%, 38%
CMY	0.0000, 0.8078, 0.6235
CMYK	0.00, 0.81, 0.62, 0.00
HSL	346°, 100%, 60%
HSV	346°, 81%, 100%
XYZ	44.4496, 24.3012, 13.4142
YIQ	115.9520, 107.6890, 58.2890

Conversions

Conversions Part 2

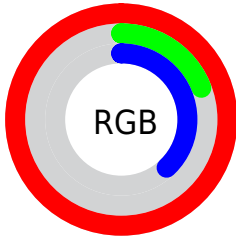
Format	Color
R _Y B	255, 49, 96
Decimal	16724320
CIE Lab	56.39, 76.08, 25.29
CIE LCh	56, 80.174, 18.388
Yxy	24.3026, 0.5410, 0.2958
Android (android.graphics.Color)	4294914400 (0xFFFF3160)
YUV	115.9520, -9.8363, 121.9451
Hunter-Lab	49.2962, 74.6824, 18.3737

Details

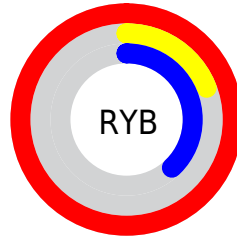
The HunterLab color **49.2962, 74.6824, 18.3737** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **87.5945, -54.6310, 12.6194**, and the grayscale version is **41.7835, -2.2295, 2.2702**.

A 20% lighter version of the original color is **59.8549, 52.3380, 10.8611**, and **33.4327, 57.9433, 16.2640** is the 20% darker color. If you saturate the color by 10%, you get **47.3495, 78.7596, 21.9211**, and if you desaturate by 10%, it is **52.4219, 67.8139, 14.9103**.

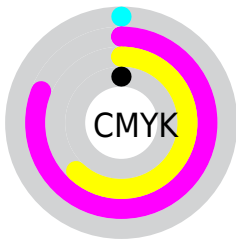
Distribution



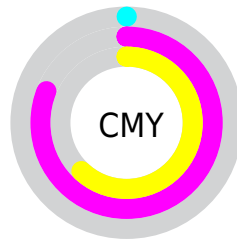
- Red (100%)
- Green (19%)
- Blue (38%)



- Red (100%)
- Yellow (19%)
- Blue (38%)



- Cyan (0%)
- Magenta (81%)
- Yellow (62%)
- Black (0%)



- Cyan (0%)
- Magenta (81%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.2962, 74.6824, 18.3737 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 49.2962, 74.6824, 18.3737 by changing the saturation by 10% instead.

■ 49.2962, 74.6824,
18.3737

■ 49.2962, 74.6824,
18.3737

165.6342, 93.1070,
35.4543

■ 39.4440, 72.2746,
16.2161

■ 71.0799, 79.3658,
22.4393

■ 30.3515, 69.9303,
13.9326

■ 82.9271, 81.5960,
24.3843

■ 22.0903, 67.8369,
11.4750

■ 95.3678, 83.7369,
26.2884

■ 14.7543, 66.4881,
9.4947

■ 108.3751, 85.7865,
28.1609

■ 8.4105, 68.2423,
5.8873

■ 121.9252, 87.7458,
30.0088

0.0000, INF, NaN

0.0000, INF, NaN

135.9972, 89.6170,

31.8375

0.0000, NaN, NaN

150.5725, 91.4029,
33.6515

0.0000, NaN, NaN

■ 49.2962, 74.6824,
18.3737

■ 49.2962, 74.6824,
18.3737

■ 47.3495, 78.7596,
21.9211

■ 52.4219, 67.8139,
14.9103

■ 46.4403, 80.1918,
24.8819

■ 56.6899, 58.8511,
11.8471

■ 61.9896, 48.6246,
9.3673

■ 68.1790, 37.8287,
7.5226

■ 75.1187, 26.9228,
6.2798

82.6861, 16.1607,
5.5669

90.7801, 5.6572,
5.3025

99.3196, -4.5545,
5.4111

99.9999, -5.3360,
5.4331

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



49.2977, 77.7480, -11.3259



49.2962, 74.6824, 18.3737



49.2977, 47.9026, 30.0407

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



49.2977, 74.6771, 18.3748



49.2977, -42.1690, 28.5081



49.2977, -14.9502, -103.1213

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



49.2962, 74.6824, 18.3737



87.5945, -54.6310, 12.6194

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



49.2977, -38.5575, -68.7198



49.2962, 74.6824, 18.3737



49.2977, -51.2243, 13.5006

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



49.2977, 74.6771, 18.3748



49.2977, -21.3671, 32.6144



49.2977, -50.1081, -20.8490



49.2977, 19.3981, -98.2006

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



49.2962, 74.6824, 18.3737



49.2977, 23.4311, 32.4287



49.2977, -50.1081, -20.8490



49.2977, -24.2026, -95.1672

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



49.2977, 74.6771, 18.3748



80.1853, 19.6046, 5.7438



47.6178, 84.8446, -86.9705



35.8494, 10.8447, 2.7744

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



49.2977, 74.6771, 18.3748



46.6873, 79.8337, 23.9934



56.0105, 50.9360, 32.3271



42.4911, 2.0086, 2.4507



33.5974, 58.0693, 17.5795



10.5585, 18.3961, 4.3857

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



49.2977, 74.6771, 18.3748



46.6873, 79.8337, 23.9934



70.1534, -21.0214, -37.0970



42.4911, 2.0086, 2.4507



33.5974, 58.0693, 17.5795



10.5585, 18.3961, 4.3857

Previews

White Background



This preview shows how the HunterLab color 49.2962, 74.6824, 18.3737 looks on a white background.

Color Contrast Check

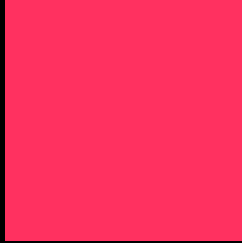
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 49.2962, 74.6824, 18.3737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 49.2962, 74.6824, 18.3737 Background



This preview shows how black text looks on a background with the HunterLab color 49.2962, 74.6824, 18.3737.



This preview shows how white text looks on a background with the HunterLab color 49.2962, 74.6824, 18.3737.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

49.2962, 74.6824, 18.3737

Protanopia

49.5079, -1.7476, 3.9012

Deuteranopia

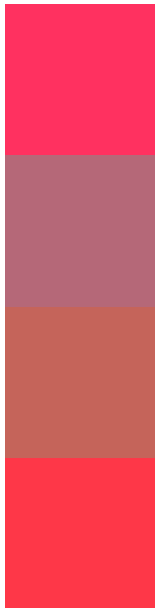
49.2594, 3.8073, 19.8232



Tritanopia

49.4092, 69.5135, 26.6976

Trichromacy



Original Color

49.2962, 74.6824, 18.3737

Protanomaly

45.9135, 26.1623, 5.8034

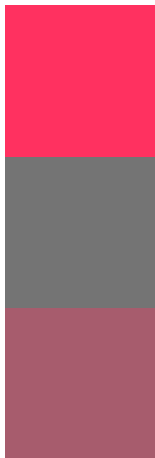
Deuteranomaly

46.6078, 31.1430, 16.9598

Tritanomaly

49.2657, 71.0648, 24.2230

Monochromacy



Original Color

49.2962, 74.6824, 18.3737

Achromatopsia

41.7908, -2.2299, 2.2706

Achromatomaly

41.1994, 25.4874, 5.0122

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.2962, 74.6824, 18.3737 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 49, 96)` looks like.

```
.text, #text, p{  
    color:rgb(255, 49, 96)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 49, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 49, 96) }
```

Border

The CSS property to change the border of an element to HunterLab 49.2962, 74.6824, 18.3737 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 49, 96) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 49, 96) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 49, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 49, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 49, 96);  
box-shadow:4px 4px 4px 4px rgb(255, 49,  
96) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.2962, 74.6824, 18.3737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 49, 96) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255, 49,  
96) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor